

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	63908	radio adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 11:59
S2	1	"US 20060286387"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/21 12:46
S3	2150845	ag or silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/05 16:19
S4	57769	nanoparticle or microparticle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 16:17
S5	15984	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/05 16:20
S6	63908	radio adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/05 16:20
S7	76	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/05 16:21
S8	9653	S5 and (glass or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 14:54
S9	848	S3 adj S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/05 16:25
S10	534	S9 and (glass or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 11:10
S15	155	(\$5"77832")and JP and "1996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 09:48
S16	189	(\$5"55175")and JP and "1997"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 12:17

## EAST Search History

S19	2152389	ag or silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 15:20
S20	57800	nanoparticle or microparticle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 13:52
S21	849	S19 adj S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 11:12
S22	534	S21 and (glass or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:40
S23	508	S22 and (coat\$3 or layer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:41
S24	295	(ag or silver) adj fine adj particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 11:35
S25	159	S24 and (glass or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 11:36
S26	150	S25 and (coat\$3 or layer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 11:36
S30	2	"JP 2003509716"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/08 12:20
S31	2	"5948538".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/11 12:59
S32	2	"5595825".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/08 12:55
S33	6	"US 20020142149"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/08 13:29
S34	2	"US 20030039842"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/08 13:29

## EAST Search History

S40	45296	S19 and (glass or window) and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:49
S41	42701	S40 and (coat\$3 or layer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 13:53
S42	18672	S41 and (sputter\$3 or cvd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:49
S43	2846	S42 and ("428"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:44
S44	2070	S43 and nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:45
S45	855	S44 and particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:46
S46	665	S45 and transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:49
S47	8069	S19 adj particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:48
S48	1216	S47 and (glass or window) and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:49
S49	457	S48 and (sputter\$3 or cvd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 13:49
S50	254	S49 and transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 14:06
S52	121	S50 and alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 10:31

## EAST Search History

S53	241266	sputtering or (vacuum adj deposition) or (chemical adj vapor adj deposition) or (ion adj plating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 15:02
S55	3217	(ag or silver) near \$particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 15:48
S56	316	S53 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 15:21
S57	10094	(ag or silver) near3 \$particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 15:48
S58	779	S53 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/08 15:48
S59	87	((HIROSHI) near2 (NAKASHIMA)).INV.	US-PGPUB; USPAT	OR	ON	2007/09/11 08:18
S60	14	((MOTOH) near2 (ASAKURA)).INV.	US-PGPUB; USPAT	OR	ON	2007/09/11 08:21
S61	329809	sputtering or (vacuum adj deposition) or (chemical adj vapor adj deposition) or (ion adj plating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/09 09:00
S62	241411	sputtering or (vacuum adj deposition) or (chemical adj vapor adj deposition) or (ion adj plating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/09 09:00
S63	88412	S61 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/09 09:00
S66	10098	(ag or silver) near3 \$particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 13:55
S67	98	S63 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/09 09:30
S68	44	S67 and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/09 09:30

## EAST Search History

S69	2	"6277169".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/01/25 11:44
S70	58352	nanoparticle or microparticle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 16:11
S71	106	silver same alloy same (coating or coated) same S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 16:12
S72	33	shielding adj coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 11:27
S73	863	(solar or light) adj control adj film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 11:27
S74	2165795	ag or silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 11:27
S75	269	S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 13:50
S86	351	(501/904).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:41
S93	2594	(ir or infrared or infra-red) adj reflecting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:34
S94	287	S93 near3 (glass or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 14:44
S95	104	S94 and silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 15:01
S96	713	S93 and silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 15:01

## EAST Search History

S97	61	S82 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 15:03
S98	208150	nanoparticle or microparticle or (fine adj particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:08
S99	36	S96 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:07
S100	89	(southwall adj technologies).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:41
S101	2166300	ag or silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:08
S102	47	S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:08
S103	14	("3556640"   "4045125"   "4799745"   "4978181"   "5071206"   "5306547").PN. OR ("5513040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/25 10:40
S104	1730	(solid adj solution) same silver	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/25 10:42
S105	208340	nanoparticle or microparticle or (fine adj particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:42
S106	233	S105 and S104	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/25 10:42
S107	510	(ir or infrared or infra-red) and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:01
S108	103	(ir or infrared or infra-red) and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:54
S109	194445	(ir or infrared or infra-red) and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:54

## EAST Search History

S11 0	10190	S105 and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:55
S11 1	4744649	window or glass or film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:55
S11 2	9095	S110 and S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:56
S11 3	8848	S112 and (alloy or solid solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 10:58
S11 4	3550	S112 and (alloy or (solid adj.solution))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:57
S11 5	99263	S101 same(alloy or (solid adj solution))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:01
S11 6	18287	(ir or infrared or infra-red) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:05
S11 7	14387	S111 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:03
S11 8	1906	S105 and S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:03
S11 9	8086	(infrared or infra-red) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:05
S12 0	1306	S105 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:06
S12 1	1277	S111 and S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:06

## EAST Search History

S12 6	661	(low adj emissivity) or low-emissivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:42
S12 7	337	S126 and silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 11:42
S12 8	2	"4462883".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/16 14:38
S12 9	52	silver near3 nodule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 09:34
S13 0	4470	anneal\$5 same silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:06
S13 1	2657	S130 and alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:07
S13 2	209739	nanoparticle or microparticle or (fine adj particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:08
S13 3	275	S132 and S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 14:52
S13 4	150	S133 and alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:09
S13 6	3266	(427/372.2).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 13:35
S13 7	388	S136 and silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 13:37
S13 8	249988	sputter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 13:38

## EAST Search History

S13 9	79	S137 and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 13:38
S14 0	0	("2861896").URPN.	USPAT	OR	ON	2007/02/16 13:52
S14 2	2	"4166018".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/16 14:44
S14 3	10	(4790992 4816034 4826525 4715879 4857094).pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/16 14:50
S14 4	27358	\$5wetting and silver	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/16 14:51
S14 6	5354	\$5wetting same silver	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/16 14:51
S14 7	209739	nanoparticle or microparticle or (fine adj particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 14:52
S14 8	337	S147 and S146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/16 14:52
S14 9	216	S148 and (glass or window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 12:01
S15 0	20181	(silver or ag) same (matrix or domain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 12:00
S15 1	209861	nanoparticle or microparticle or (fine adj particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 12:00
S15 3	2695	S150 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 12:00
S15 4	3267	(427/372.2).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 08:31

## EAST Search History

S15 5	3	S154 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 12:02
S15 6	23	S150 and S154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/20 13:00
S15 8	2	"US 20020140885"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/21 13:14
S15 9	2	"US 20020197459"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/02/21 13:14
S16 0	89	((HIROSHI) near2 (NAKASHIMA)).INV.	US-PGPUB; USPAT	OR	ON	2007/09/11 08:19
S16 1	14	((MOTOH) near2 (ASAKURA)).INV.	US-PGPUB; USPAT	OR	ON	2007/09/11 08:21
S16 2	6	((MASAAKI) near2 (YONEKURA)).INV.	US-PGPUB; USPAT	OR	ON	2007/09/11 08:21
S16 3	0	S162 not S160	US-PGPUB; USPAT	OR	ON	2007/09/11 08:22
S16 4	8	((HIDEO) near2 (OMOTO)).INV.	US-PGPUB; USPAT	OR	ON	2007/09/11 08:22
S16 5	5	S164 not S160	US-PGPUB; USPAT	OR	ON	2007/09/11 08:22
S16 6	3454	(427/372.2).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:20
S16 7	881	S166 and ((silver or ag or metal).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 08:51
S16 8	315	S167 and (silver or ag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 08:37
S16 9	126	S166 and ((silver or ag).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 08:51
S17 0	158	(427/376.7).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:20
S17 1	43	S170 and silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:20

## EAST Search History

S17 2	47	S170 and (silver or ag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:21
S17 3	351	(501/904).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:54
S17 4	81426	(silver or ag) same (particle or nodule or nanoparticle or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 11:54
S17 5	45578	S174 and (coat or coated or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:55
S17 6	7119	S175 and (heat near3 (treatment or treated))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:57
S17 7	3536	S176 and (alloy or (solid adj solution))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 09:58
S17 8	1252	S177 and transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:01
S17 9	4585	428/323.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:24
S18 0	24	S178 and S179	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:24
S18 1	3857	428/332.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:38
S18 2	3	S178 and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:39
S18 3	3084	428/402.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:38

## EAST Search History

S18 4	17	S178 and S183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 10:39
S18 5	81426	(silver or ag) same (particle or nodule or nanoparticle or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 11:54
S18 6	3857	428/332.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 11:54
S18 7	69	S185 and transparent and S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 12:18
S18 8	4585	428/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 12:01
S18 9	231	S185 and transparent and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 12:01
S19 0	3084	428/402.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 12:18
S19 1	101	S185 and transparent and S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 12:18